



INTERNATIONAL APPLICATION PUBLISHED UI

(51) International Patent Classification 6 : C07D 233/54, A61K 31/415, C07D 233/32, 233/90, 401/04, 403/04, 405/04, 409/04, 417/04		A1	(11) International Publication Number: WO 96/03388 (43) International Publication Date: 8 February 1996 (08.02.96)
(21) International Application Number: PCT/US95/09506			1557 Hawthorne Place, Deerfield, IL 60015 (US). YU, Yi [CN/US]; 9065 Gross Point Road, GW, Skokie, IL 60077 (US). XU, Xiangdong [CN/US]; Apartment 309, 855 Hinman Avenue, Evanston, IL 60202 (US). HUFF, Renee, M. [US/US]; 837 North Lincoln, Park Ridge, IL 60068 (US). PARTIS, Richard, A. [US/US]; 2221 Noyes Street, Evanston, IL 60201 (US). KOSZYK, Francis, J. [US/US]; 11 Wildwood Drive South, Prospect Heights, IL 60070 (US).
(22) International Filing Date: 27 July 1995 (27.07.95)			
(30) Priority Data: 08/282,395 28 July 1994 (28.07.94) US 08/464,154 5 June 1995 (05.06.95) US			
(60) Parent Applications or Grants (63) Related by Continuation US 08/282,395 (CIP) Filed on 28 July 1994 (28.07.94) US 08/464,154 (CIP) Filed on 5 June 1995 (05.06.95)			(74) Agents: BULOCK, Joseph, W. et al.; G.D. Searle & Co. Corporate Patent Dept., P.O. Box 5110, Chicago, IL 60680-5110 (US).
(71) Applicant (for all designated States except US): G.D. SEARLE & CO. [US/US]; Corporate Patent Dept., P.O. Box 5110, Chicago, IL 60680 (US).			(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA, UG, US, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD, SZ, UG).
(72) Inventors; and (75) Inventors/Applicants (for US only): KHANNA, Ish, K. [IN/US]; 149 Brandywine Court, Vernon Hills, IL 60061 (US). WEIER, Richard, M. [US/US]; 240 Hickory Court, Lake Bluff, IL 60044 (US). COLLINS, Paul, W. [US/US];			
(54) Title: 1,2-SUBSTITUTED IMIDAZOLYL COMPOUNDS FOR THE TREATMENT OF INFLAMMATION			Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(57) Abstract

A class of imidazolyl compounds is described for use in treating inflammation. Compounds of particular interest are defined by formula (II), wherein R³ is a radical selected from hydrido, alkyl, haloalkyl, aralkyl, heterocycloalkyl, acyl, cyano, alkoxy, alkylthio, alkylthioalkyl, alkylsulfonyl, cycloalkyloxy, cycloalkyloxyalkyl, cycloalkylthio, cycloalkylthioalkyl, cycloalkylsulfonyl, cyanoalkyl, cycloalkylsulfonylalkyl, haloalkylsulfonyl, azidoalkyl, arylsulfonyl, halo, hydroxyalkyl, alkoxyalkyl, arylthio, alkylcarbonyl, arylcarbonyl, aralkylcarbonyl, aryloxy, heterocycloalkylcarbonyl, alkylaminoalkyl, N-arylaminocarbonyl, N-alkyl-N-arylaminocarbonyl, carboxyalkyl, alkoxy-carbonylalkyl, alkoxy carbonyl, haloalkylcarbonyl, aminocarbonyl, alkylaminocarbonylalkyl, aralkylthio, heteroarylalcoxyalkyl, heteroaryloxyalkyl, aralkoxy, heteroarylothioalkyl, heteroaralkoxy, heteroaralkylthio, heteroarylalkylthioalkyl, heteroaryloxy, heteroarylothio, arylothioalkyl, aryloxyalkyl, aralkylthioalkyl, aralkoxyalkyl, aryl and heteroaryl, wherein the aryl and heteroaryl radicals are optionally substituted at a substitutable position with one or more radicals selected from halo, alkylthio, alkylsulfonyl, alkyl, cyano, haloalkyl, hydroxyl, alkoxy, hydroxyalkyl and haloalkoxy; wherein R⁷ is a radical selected from alkyl and amino; and wherein R⁸ is one or more radicals selected from hydrido, halo, alkyl, haloalkyl, alkoxy, amino, haloalkoxy, cyano, carboxyl, hydroxyl, hydroxyalkyl, alkoxyalkyl, alkylamino, nitro and alkylthio.

